

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1. (Currently Amended) A reflective or half transmissive liquid crystal display element comprising:

a flat transparent substrate;

a second transparent substrate;

a first polarization plate having a first average refractive index for a direction perpendicular to a display plane and a second average refractive index in a direction parallel to the display plane;

a first phase difference plate having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane, the first polarization plate and the first phase difference plate being arranged successively on an outer surface of the first transparent substrate;

a second polarization plate having a first average refractive index for a direction perpendicular to a display plane and a second average refractive index in a direction parallel to the display plane;

a second phase difference plate having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane, the second polarization plate and the second phase difference plate being arranged successively on an outer surface of the second transparent substrate;

a liquid crystal layer disposed between the first and second transparent substrates and having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane; and

a selectively reflective layer for reflecting part or whole of circularly polarized light in a specific direction, the selectively reflective layer having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane the first selectively reflective layer being disposed between the first and second transparent substrates;

the first and second polarization ~~plate~~ plates, first and second phase difference ~~plate~~ plates, liquid crystal layer, and selectively reflective layer being formed so that the absolute value of the sum total of the product of the thickness and the difference between the first and second average refractive indexes of the polarization plate, the product of the thickness and the difference between the first and second average refractive indexes of the phase difference plate, the product of the thickness and the difference between the first and second average refractive indexes of the liquid crystal layer, and the product of the thickness and the difference between the first and second average refractive indexes of the selectively reflective layer is 50 nm or less.

2. (Previously Amended) A reflective or half transmissive liquid crystal display element according to claim 1, wherein said selectively reflective layer is formed of one or a plurality of layers of a cholesteric liquid crystal, and one or more layers having positive refractive index anisotropy are arranged adjacent to the selectively reflective layer or with one or more organic layers being interposed therebetween.

3. (Previously Amended) A reflective or half transmissive liquid crystal display element according to claim 2, wherein at least one of said layers having positive refractive index anisotropy is formed of a discotic liquid crystal.

4. (Previously Amended) A reflective or half transmissive liquid crystal display element according to claim 2, wherein at least one of said layers having positive refractive index anisotropy includes a reflective layer for reflecting specifically polarized light, light in a specific wavelength zone, or specifically polarized light in a specific wavelength zone only, out of incident light.

5. (Cancelled)

6. (Withdrawn) A method of manufacturing a liquid crystal display element, the method comprising:

vertically aligning a discotic liquid crystal doped with a chiral agent on a transparent first insulating substrate, thereby forming one or more reflective layers having positive refractive index anisotropy;

opposing a transparent second insulating substrate to the first insulating substrate; and
sealing in a liquid crystal layer between the first and second insulating substrates.

7. (Withdrawn) A method of manufacturing a liquid crystal display element according to claim 6, which further comprises forming one or more reflective layers having negative refractive index anisotropy on the first substrate.

8. (Newly Presented) A reflective or half transmissive liquid crystal display element comprising:

a polarization plate having a first average refractive index for a direction perpendicular to a display plane and a second average refractive index in a direction parallel to the display plane;

a phase difference plate having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane;

a liquid crystal layer having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane;

a first selectively reflective layer having negative refractive index anisotropy, for reflecting part or whole of circularly polarized light in a specific direction, the selectively reflective layer having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane;

a second selectively reflective layer having positive refractive index anisotropy, for reflecting part or whole of circularly polarized light in a specific direction, the selectively reflective layer having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane;

the polarization plate, phase difference plate, liquid crystal layer, and selectively reflective layer being formed so that the absolute value of the sum total of the product of the thickness and the difference between the first and second average refractive indexes of the polarization plate, the product of the thickness and the difference between the first and second average refractive indexes of the phase difference plate, the product of the thickness and the difference between the first and second average refractive indexes of the liquid crystal layer, and the product of the thickness and the difference between the first and second average refractive indexes of the first and second selectively reflective layers is 50 nm or less.

9. (Newly Presented) A reflective or half transmissive liquid crystal display element comprising:
- a first transparent substrate;
 - a second transparent substrate;
 - a first polarization plate having a first average refractive index for a direction perpendicular to a display plane and a second average refractive index in a direction parallel to the display plane;
 - a first phase difference plate having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane, the first polarization plate and first phase difference plate being arranged successively on an outer surface of the first transparent substrate;
 - a second polarization plate having a first average refractive index for a direction perpendicular to a display plane and a second average refractive index in a direction parallel to the display plane;
 - a second phase difference plate having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane, the second polarization plate and second phase difference plate being arranged successively on an outer surface of the second transparent substrate;
 - a liquid crystal layer disposed between the first and second transparent substrates and having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane; and
 - a first selectively reflective layer for reflecting part or whole of circularly polarized light in a specific direction, the first selectively reflective layer having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane;

a second selectively reflective layer for reflecting part or whole of circularly polarized light in a specific direction, the second selectively reflective layer having a first average refractive index for a direction perpendicular to the display plane and a second average refractive index for a direction parallel to the display plane, the first and second selectively reflective layers being disposed between the first and second transparent substrates;

the first and second polarization plates, first and second phase difference plates, liquid crystal layer, and first and second selectively reflective layers being formed so that the absolute value of the sum total of the product of the thickness and the difference between the first and second average refractive indexes of the polarization plates, the product of the thickness and the difference between the first and second average refractive indexes of the phase difference plates, the product of the thickness and the difference between the first and second average refractive indexes of the liquid crystal layer, and the product of the thickness and the difference between the first and second average refractive indexes of the selectively reflective layers is 50 nm or less.